

Application No. 09/833,965

**IN THE CLAIMS**

1. (Currently Amended) [An] A seam bonding adhesive comprising a resin selected from the group consisting of polyvinyl butyral, phenolic resins, epoxy resins, and mixtures thereof, and a first carbon filler comprising a fluorinated carbon.

2. (Cancelled)

3. (Previously Amended) An adhesive in accordance with claim 1, wherein said fluorinated carbon has the formula  $CF_x$ , wherein x is a number of from about 0.01 to about 1.5.

4. (Original) An adhesive in accordance with claim 3, wherein x is a number of from about 0.04 to about 1.4.

5. (Previously Amended) An adhesive in accordance with claim 1, wherein said fluorinated carbon is selected from the group consisting of a fluorinated carbon having about 28 percent by weight fluorine, a fluorinated carbon having about 11 percent by weight fluorine, a fluorinated carbon having about 62 percent by weight fluorine, and a fluorinated carbon having about 65 percent by weight fluorine, based on the weight of fluorinated carbon.

6. (Previously Amended) An adhesive in accordance with claim 1, wherein said phenolic resins are selected from the group consisting of nitrile phenolics, epoxy phenolics, and mixtures thereof.

7. (Original) An adhesive in accordance with claim 1, wherein said resin comprises polyvinyl butyral and phenolic resins.

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8. (Original) An adhesive in accordance with claim 7, wherein said phenolic resin is a phenolic acrylic resin.

9. (Original) An adhesive in accordance with claim 1, wherein said adhesive is crosslinked.

10. (Previously Amended) An adhesive in accordance with claim 1, further comprising a second filler selected from the group consisting of a carbon filler different from the first carbon filler, doped metal oxide filler, polymer filler, and mixtures thereof.

11. (Original) An adhesive in accordance with claim 10, wherein said carbon filler different from said first carbon filler is selected from the group consisting of carbon black and graphite.

12. (Previously Amended) An adhesive in accordance with claim 10, wherein said doped metal oxide filler comprises antimony doped tin oxide.

13. (Previously Amended) An adhesive in accordance with claim 10, wherein said polymer filler is selected from the group consisting of polytetrafluoroethylene, polypyrrole, polythiophene, and polyaniline.

14. (Original) An adhesive in accordance with claim 1, having a volume resistivity of from about  $10^1$  to about  $10^{13}$  ohm-cm.

15. (Original) An adhesive in accordance with claim 14, wherein said volume resistivity is from about  $10^8$  to about  $10^{11}$  ohm-cm.

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16. (Currently Amended) ~~AN A seam bonding~~ adhesive comprising a resin selected from the group consisting of polyvinyl butyral, phenolic resins, epoxy resins, and mixtures thereof, and a fluorinated carbon having the formula  $CF_x$ , wherein  $x$  is a number of from about 0.01 to about 1.5.

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17. (Currently Amended) ~~AN A seam bonding~~ adhesive comprising polyvinyl butyral and phenolic resin, and a fluorinated carbon selected from the group consisting of a fluorinated carbon having about 28 percent by weight fluorine, a fluorinated carbon having about 11 percent by weight fluorine, a fluorinated carbon having about 62 percent by weight fluorine, and a fluorinated carbon having about 65 percent by weight fluorine, based on the weight of fluorinated carbon.

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